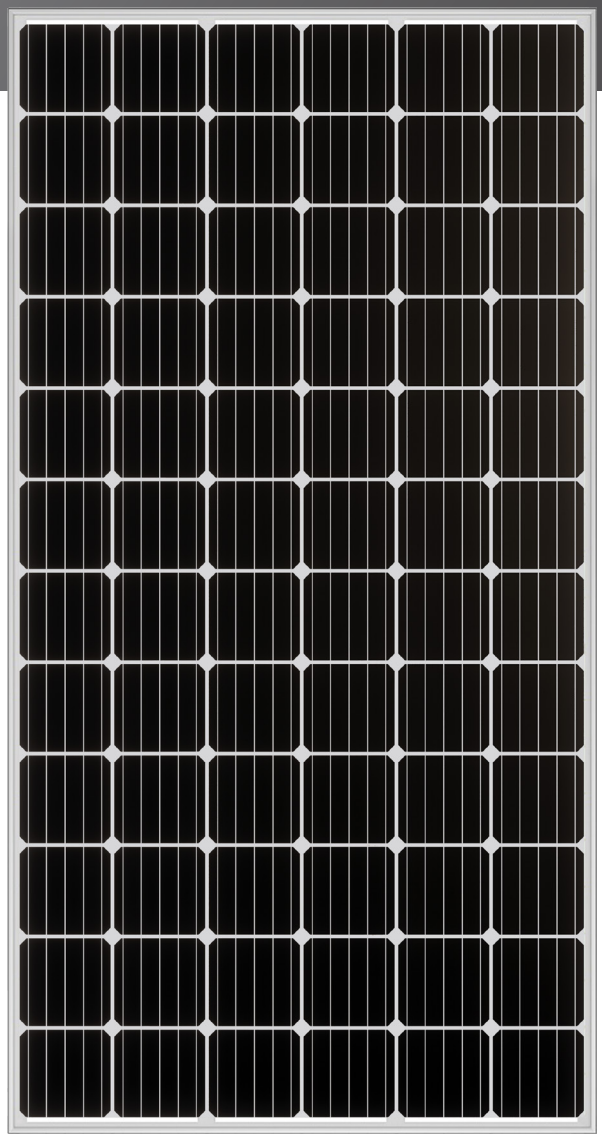
ICA solar

SOLAR MODULE

MONOCRYSTALLINE

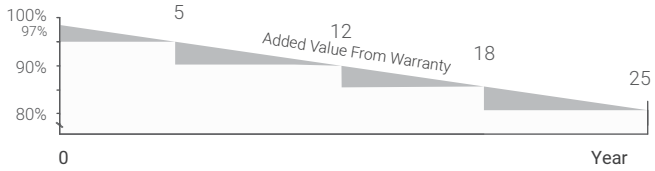
115 - 370 Wp



Powered by high-efficiency MONOCRYSTALLINE cells, this series of high performance modules provides the most cost-effective solution for lowering the LCOE of any PV systems large or small

LINEAR PERFORMANCE WARRANTY

- 10 Years Manufacturing Warranty
- 12 Years 90% Power Output
- 25 Years 80% Power Output



PID FREE
PID tested with excellent results under the harshest conditions

CRAFTED WITH PASSION

10 YEARS PRODUCT GUARANTEE UPGRADEABLE TO 25 YEARS AS A PREMIUM OPTION

CONSTANTLY HIGH CELL QUALITY
through strict quality examinations by high resolution electroluminescence and infrared measurements

25 YEARS LINEAR PERFORMANCE WARRANTY

QUALITY SIGNED AND SEALED

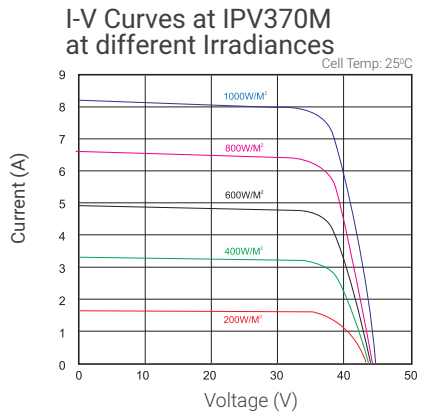
PV Module
Monocrystalline

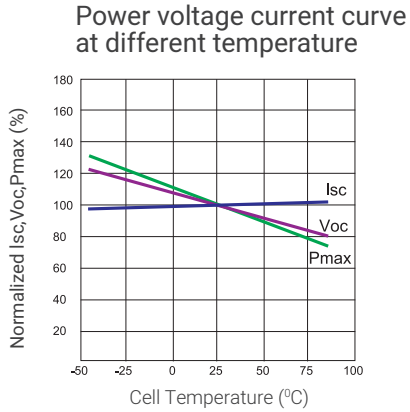
TECHNICAL SPECIFICATION

CHARACTERISTICS	UNIT	115W	130W	170W	220W	310W	370W
Maximum Power (Pmax)	W	115	130	170	220	310	370
Efficiency	%	16.82	16.03	17.26	16.80	19.10	19.17
Cell Type	-	Monocrystalline Si				Monocrystalline Si, PERC	
Maximum Power Voltage (Vmp)	V	18.80	18.90	18.80	38.40	33.10	39.20
Maximum Power Current (Imp)	A	6.12	6.88	9.04	5.73	9.38	9.44
Open Circuit Voltage (Voc)	V	23.00	23.10	23.00	47.00	40.40	48.20
Short Circuit Current (Isc)	A	6.48	7.29	9.59	6.07	9.95	9.86
Weight	Kg	7.70	8.40	11.00	15.20	19.00	23.00
Dimension of module	mm	1020x670x30	1210x670x30	1470x670x30	1320x992x40	1640x990x35	1950x990x40
Pmax Temperature Coefficient	%/°C	-0.45				-0.40	
Voc Temperature Coefficient	%/°C	-0.32				-0.29	
Isc Temperature Coefficient	%/°C	+0.06				+0.05	
Maximum System Voltage	VDC	700				1000	
Maximum Series Fuse Rating	A	10			20	15	
Operating Temperature	°C	-45~+80				-40~+85	
NOCT	°C	45±2					

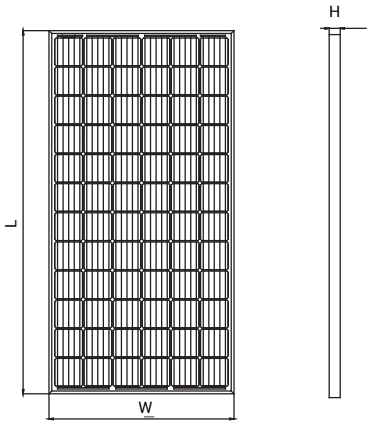
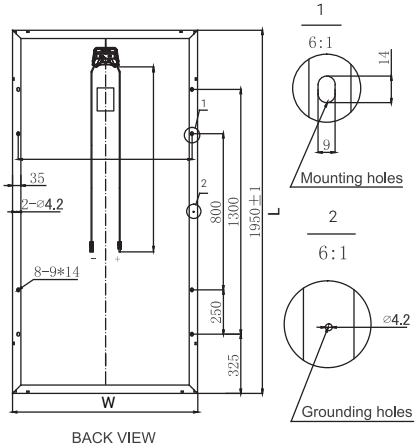
STC:1000W/m2.AM1.5 and 25°C cell temperature; NOCT: Nominal Operating Cell Temperature

I-V CURVES





MECHANICAL DRAWINGS



Unit: mm (inch)
Spec. 370W